

PLUS Search Results for S/N 10625933, Searched February 16, 2005

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Most Frequently Occurring Classifications of Patents Returned  
From A Search of 10625933 on February 16, 2005

Original Classifications

4 702/9  
3 367/85  
2 73/152.01  
2 73/152.03  
2 175/19  
2 175/40  
2 175/50  
2 175/76  
2 250/256  
2 340/853.3  
2 702/6

Cross-Reference Classifications

6 175/50  
6 367/83  
5 73/152.46  
5 175/40  
5 175/45  
4 73/152.52  
3 166/250.01  
3 175/325.3  
3 175/61  
3 324/369  
3 340/854.4  
3 702/9  
2 73/152.03  
2 73/152.18  
2 166/66  
2 175/107  
2 175/269  
2 175/324  
2 175/385  
2 175/406  
2 250/266  
2 324/323  
2 324/339  
2 340/853.2  
2 340/853.4  
2 340/853.6  
2 340/854.3  
2 340/854.5  
2 340/855.4  
2 340/856.1  
2 340/856.3  
2 367/81  
2 702/6  
2 702/7

Combined Classifications

8 175/50  
7 175/40  
7 367/83  
7 702/9  
6 73/152.46  
6 175/45  
4 73/152.03  
4 73/152.52  
4 166/250.01

4 175/61  
4 702/6  
3 73/152.01  
3 175/107  
3 175/325.3  
3 324/339  
3 324/369  
3 340/854.4  
3 367/85  
2 73/152.18  
2 73/152.44  
2 166/66  
2 175/19  
2 175/269  
2 175/324  
2 175/385  
2 175/39  
2 175/406  
2 175/76  
2 250/256  
2 250/266  
2 324/323  
2 340/853.1  
2 340/853.2  
2 340/853.3  
2 340/853.4  
2 340/853.6  
2 340/854.3  
2 340/854.5  
2 340/854.6  
2 340/854.8  
2 340/855.4  
2 340/856.1  
2 340/856.3  
2 367/81  
2 702/7

Titles of Most Frequently Occurring Classifications of Patents Returned  
From A Search of 10625933 on February 16, 2005

- 8 175/50 (2 OR, 6 XR)  
Class 175 : BORING OR PENETRATING THE EARTH  
175/40 WITH SIGNALING, INDICATING, TESTING OR  
MEASURING  
175/50 .Indicating, testing or measuring a condition  
of the formation
- 7 175/40 (2 OR, 5 XR)  
Class 175 : BORING OR PENETRATING THE EARTH  
175/40 WITH SIGNALING, INDICATING, TESTING OR  
MEASURING
- 7 367/83 (1 OR, 6 XR)  
Class 367 : COMMUNICATIONS, ELECTRICAL: ACOUSTIC WAVE  
SYSTEMS AND DEVICES  
367/81 WELLBORE TELEMETERING  
367/83 .Through well fluids
- 7 702/9 (4 OR, 3 XR)  
Class 702 : DATA PROCESSING: MEASURING, CALIBRATING, OR  
TESTING  
702/1 MEASUREMENT SYSTEM IN A SPECIFIC ENVIRONMENT  
702/2 .Earth science  
702/6 ..well logging or borehole study  
702/9 ...Drilling
- 6 73/152.46 (1 OR, 5 XR)  
Class 073 : MEASURING AND TESTING  
73/152.01 BOREHOLE OR DRILLING (E.G., DRILL LOADING  
FACTOR, DRILLING RATE, RATE OF FLUID FLOW)  
73/152.43 .During drilling  
73/152.46 ..Downhole measurement
- 6 175/45 (1 OR, 5 XR)  
Class 175 : BORING OR PENETRATING THE EARTH  
175/40 WITH SIGNALING, INDICATING, TESTING OR  
MEASURING  
175/45 .Tool position direction or inclination  
measuring or indicating within the bore
- 4 73/152.03 (2 OR, 2 XR)  
Class 073 : MEASURING AND TESTING  
73/152.01 BOREHOLE OR DRILLING (E.G., DRILL LOADING  
FACTOR, DRILLING RATE, RATE OF FLUID FLOW)  
73/152.02 .Formation logging (e.g., borehole studies of  
pressure derivatives or of pressure-temperature  
derivatives)  
73/152.03 ..During drilling
- 4 73/152.52 (0 OR, 4 XR)  
Class 073 : MEASURING AND TESTING  
73/152.01 BOREHOLE OR DRILLING (E.G., DRILL LOADING  
FACTOR, DRILLING RATE, RATE OF FLUID FLOW)  
73/152.51 .Pressure measurement  
73/152.52 ..Plural diverse measurements
- 4 166/250.01 (1 OR, 3 XR)  
Class 166 : WELLS  
166/244.1 PROCESSES

- 166/250.01 .with indicating, testing, measuring or locating
- 4 175/61 (1 OR, 3 XR)  
 Class 175 : BORING OR PENETRATING THE EARTH  
 175/57 PROCESSES  
 175/61 .Boring curved or redirected bores
- 4 702/6 (2 OR, 2 XR)  
 Class 702 : DATA PROCESSING: MEASURING, CALIBRATING, OR TESTING  
 702/1 MEASUREMENT SYSTEM IN A SPECIFIC ENVIRONMENT  
 702/2 .Earth science  
 702/6 ..Well logging or borehole study
- 3 73/152.01 (2 OR, 1 XR)  
 Class 073 : MEASURING AND TESTING  
 73/152.01 BOREHOLE OR DRILLING (E.G., DRILL LOADING FACTOR, DRILLING RATE, RATE OF FLUID FLOW)
- 3 175/107 (1 OR, 2 XR)  
 Class 175 : BORING OR PENETRATING THE EARTH  
 175/92 WITH BELOW-GROUND TOOL DRIVE PRIME MOVER  
 175/107 .Fluid rotary type
- 3 175/325.3 (0 OR, 3 XR)  
 Class 175 : BORING OR PENETRATING THE EARTH  
 175/320 WITH TOOL SHAFT DETAIL  
 175/325.1 .Shaft carried guide or protector  
 175/325.2 ..Coupled between shaft sections or bit and shaft section  
 175/325.3 ...With bore wall engaging means rotatable relative to shaft section (e.g., with bearings)
- 3 324/339 (1 OR, 2 XR)  
 Class 324 : ELECTRICITY: MEASURING AND TESTING  
 324/323 OF GEOPHYSICAL SURFACE OR SUBSURFACE IN SITU  
 324/332 .With radiant energy or nonconductive-type transmitter  
 324/334 ..With separate pickup  
 324/338 ...Within a borehole  
 324/339 ....By induction logging
- 3 324/369 (0 OR, 3 XR)  
 Class 324 : ELECTRICITY: MEASURING AND TESTING  
 324/323 OF GEOPHYSICAL SURFACE OR SUBSURFACE IN SITU  
 324/347 .Using electrode arrays, circuits, structure, or supports  
 324/354 ..Coupled to artificial current source  
 324/357 ...Including separate pickup of generated fields or potentials  
 324/366 ....For well logging  
 324/369 .....while drilling
- 3 340/854.4 (0 OR, 3 XR)  
 Class 340 : COMMUNICATIONS: ELECTRICAL  
 340/853.1 WELLBORE TELEMETERING OR CONTROL (E.G., SUBSURFACE TOOL GUIDANCE, DATA TRANSFER, ETC.)  
 340/854.3 .Using a specific transmission medium (e.g., conductive fluid, annular spacing, etc.)  
 340/854.4 ..Drill string or tubing support signal conduction

- 3 367/85 (3 OR, 0 XR)  
 Class 367 : COMMUNICATIONS, ELECTRICAL: ACOUSTIC WAVE  
 SYSTEMS AND DEVICES  
 367/81 WELLBORE TELEMETERING  
 367/83 .Through well fluids  
 367/85 ..Linear valve control
- 2 73/152.18 (0 OR, 2 XR)  
 Class 073 : MEASURING AND TESTING  
 73/152.01 BOREHOLE OR DRILLING (E.G., DRILL LOADING  
 FACTOR, DRILLING RATE, RATE OF FLUID FLOW)  
 73/152.18 .Fluid flow measuring or fluid analysis
- 2 73/152.44 (1 OR, 1 XR)  
 Class 073 : MEASURING AND TESTING  
 73/152.01 BOREHOLE OR DRILLING (E.G., DRILL LOADING  
 FACTOR, DRILLING RATE, RATE OF FLUID FLOW)  
 73/152.43 .During drilling  
 73/152.44 ..Drill depth rate
- 2 166/66 (0 OR, 2 XR)  
 Class 166 : WELLS  
 166/65.1 WITH ELECTRICAL MEANS  
 166/66 .Indicating
- 2 175/19 (2 OR, 0 XR)  
 Class 175 : BORING OR PENETRATING THE EARTH  
 175/19 BORING WITHOUT EARTH REMOVAL (I.E., COMPACTING  
 EARTH FORMATION)
- 2 175/269 (0 OR, 2 XR)  
 Class 175 : BORING OR PENETRATING THE EARTH  
 175/263 CUTTER ELEMENT Laterally SHIFTABLE BELOW GROUND  
 (E.G., EXPANSIBLE)  
 175/267 .Cutter element shifted by fluid pressure  
 175/269 ..Fluid pressure acts against spring biased  
 part
- 2 175/324 (0 OR, 2 XR)  
 Class 175 : BORING OR PENETRATING THE EARTH  
 175/320 WITH TOOL SHAFT DETAIL  
 175/324 .Means other than tool structure to induce  
 fluent flow
- 2 175/385 (0 OR, 2 XR)  
 Class 175 : BORING OR PENETRATING THE EARTH  
 175/327 BIT OR BIT ELEMENT  
 175/385 .Bit with leading portion (e.g., pilot) forming  
 smaller diameter initial bore
- 2 175/39 (1 OR, 1 XR)  
 Class 175 : BORING OR PENETRATING THE EARTH  
 175/39 WITH BIT WEAR SIGNAL GENERATING
- 2 175/406 (0 OR, 2 XR)  
 Class 175 : BORING OR PENETRATING THE EARTH  
 175/327 BIT OR BIT ELEMENT  
 175/406 .Noncutting portion forwardly of cutting  
 portion (e.g., reamer)
- 2 175/76 (2 OR, 0 XR)  
 Class 175 : BORING OR PENETRATING THE EARTH  
 175/73 MEANS TRAVELING WITH TOOL TO CONSTRAIN TOOL TO

## BORE ALONG CURVED PATH

- 175/76 .Axially spaced opposed bore wall engaging guides
- 2 250/256 (2 OR, 0 XR)  
 Class 250 : RADIANT ENERGY  
 250/253 GEOLOGICAL TESTING OR IRRADIATION  
 250/256 .well testing apparatus and methods
- 2 250/266 (0 OR, 2 XR)  
 Class 250 : RADIANT ENERGY  
 250/253 GEOLOGICAL TESTING OR IRRADIATION  
 250/256 .well testing apparatus and methods  
 250/265 ..Plural detectors  
 250/266 ...With spacing or direction of detectors
- 2 324/323 (0 OR, 2 XR)  
 Class 324 : ELECTRICITY: MEASURING AND TESTING  
 324/323 OF GEOPHYSICAL SURFACE OR SUBSURFACE IN SITU
- 2 340/853.1 (1 OR, 1 XR)  
 Class 340 : COMMUNICATIONS: ELECTRICAL  
 340/853.1 WELLBORE TELEMETERING OR CONTROL (E.G.,  
 SUBSURFACE TOOL GUIDANCE, DATA TRANSFER, ETC.)
- 2 340/853.2 (0 OR, 2 XR)  
 Class 340 : COMMUNICATIONS: ELECTRICAL  
 340/853.1 WELLBORE TELEMETERING OR CONTROL (E.G.,  
 SUBSURFACE TOOL GUIDANCE, DATA TRANSFER, ETC.)  
 340/853.2 .Diagnostic monitoring or detecting operation  
 of communications equipment or signal
- 2 340/853.3 (2 OR, 0 XR)  
 Class 340 : COMMUNICATIONS: ELECTRICAL  
 340/853.1 WELLBORE TELEMETERING OR CONTROL (E.G.,  
 SUBSURFACE TOOL GUIDANCE, DATA TRANSFER, ETC.)  
 340/853.3 .selective control of subsurface equipment
- 2 340/853.4 (0 OR, 2 XR)  
 Class 340 : COMMUNICATIONS: ELECTRICAL  
 340/853.1 WELLBORE TELEMETERING OR CONTROL (E.G.,  
 SUBSURFACE TOOL GUIDANCE, DATA TRANSFER, ETC.)  
 340/853.3 .selective control of subsurface equipment  
 340/853.4 ..In horizontal or inclined drilling or passage
- 2 340/853.6 (0 OR, 2 XR)  
 Class 340 : COMMUNICATIONS: ELECTRICAL  
 340/853.1 WELLBORE TELEMETERING OR CONTROL (E.G.,  
 SUBSURFACE TOOL GUIDANCE, DATA TRANSFER, ETC.)  
 340/853.3 .selective control of subsurface equipment  
 340/853.6 ..Control of drill bit or apparatus (e.g.,  
 steering, speed, etc.)
- 2 340/854.3 (0 OR, 2 XR)  
 Class 340 : COMMUNICATIONS: ELECTRICAL  
 340/853.1 WELLBORE TELEMETERING OR CONTROL (E.G.,  
 SUBSURFACE TOOL GUIDANCE, DATA TRANSFER, ETC.)  
 340/854.3 .Using a specific transmission medium (e.g.,  
 conductive fluid, annular spacing, etc.)
- 2 340/854.5 (0 OR, 2 XR)  
 Class 340 : COMMUNICATIONS: ELECTRICAL

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340/853.1 WELLBORE TELEMETERING OR CONTROL (E.G.,  
SUBSURFACE TOOL GUIDANCE, DATA TRANSFER, ETC.)

340/854.3 .Using a specific transmission medium (e.g.,  
conductive fluid, annular spacing, etc.)

340/854.5 ..Wellbore casing or ground

2 340/854.6 (1 OR, 1 XR)  
Class 340 : COMMUNICATIONS: ELECTRICAL

340/853.1 WELLBORE TELEMETERING OR CONTROL (E.G.,  
SUBSURFACE TOOL GUIDANCE, DATA TRANSFER, ETC.)

340/854.3 .Using a specific transmission medium (e.g.,  
conductive fluid, annular spacing, etc.)

340/854.6 ..Electromagnetic energy (e.g., radio  
frequency, etc.)

2 340/854.8 (1 OR, 1 XR)  
Class 340 : COMMUNICATIONS: ELECTRICAL

340/853.1 WELLBORE TELEMETERING OR CONTROL (E.G.,  
SUBSURFACE TOOL GUIDANCE, DATA TRANSFER, ETC.)

340/854.3 .Using a specific transmission medium (e.g.,  
conductive fluid, annular spacing, etc.)

340/854.6 ..Electromagnetic energy (e.g., radio  
frequency, etc.)

340/854.8 ...Near field coupling (e.g., inductive,  
capacitive, etc.)

2 340/855.4 (0 OR, 2 XR)  
Class 340 : COMMUNICATIONS: ELECTRICAL

340/853.1 WELLBORE TELEMETERING OR CONTROL (E.G.,  
SUBSURFACE TOOL GUIDANCE, DATA TRANSFER, ETC.)

340/855.4 .Pulse or digital signal transmission

2 340/856.1 (0 OR, 2 XR)  
Class 340 : COMMUNICATIONS: ELECTRICAL

340/853.1 WELLBORE TELEMETERING OR CONTROL (E.G.,  
SUBSURFACE TOOL GUIDANCE, DATA TRANSFER, ETC.)

340/856.1 .In horizontal or inclined passage arrangement

2 340/856.3 (0 OR, 2 XR)  
Class 340 : COMMUNICATIONS: ELECTRICAL

340/853.1 WELLBORE TELEMETERING OR CONTROL (E.G.,  
SUBSURFACE TOOL GUIDANCE, DATA TRANSFER, ETC.)

340/856.3 .Including particular sensor

2 367/81 (0 OR, 2 XR)  
Class 367 : COMMUNICATIONS, ELECTRICAL: ACOUSTIC WAVE  
SYSTEMS AND DEVICES

367/81 WELLBORE TELEMETERING

2 702/7 (0 OR, 2 XR)  
Class 702 : DATA PROCESSING: MEASURING, CALIBRATING, OR  
TESTING

702/1 MEASUREMENT SYSTEM IN A SPECIFIC ENVIRONMENT

702/2 .Earth science

702/6 ..Well logging or borehole study

702/7 ...By induction or resistivity logging tool